

AMENDMENTS TO THE CLAIMS

1. (currently amended) A data cartridge library comprising:

a frame;

a shelf system, operatively attached to said frame, for supporting at least two data cartridge magazines and comprising at least one shelf;

drive means that is operatively attached to said frame, capable of receiving, from a data cartridge transport device, a data cartridge that contains a recording medium, and capable, during operation, of transferring data between a recording medium located within a data cartridge and an environment that is exterior to said drive means;

a magazine transport device, operatively attached to said frame, for moving a data cartridge magazine;

a cartridge transport device, operatively attached to said frame, for moving a data cartridge between a data cartridge magazine and said drive means; and

a power supply, operatively attached to said frame, for receiving AC power from an external environment and producing DC power in a form suitable for use by said drive means; and

a conductor, operatively attached to said frame, for conveying DC power from said power supply to said drive means;

wherein said conductor has a first flat external surface and a second flat external surface that is substantially parallel to said first flat external surface.

2. (original) A data cartridge library, as claimed in claim 1, wherein said frame comprises:

a cabinet having a first side, second side, third side and fourth side;

wherein said first side is substantially parallel to said second side;

wherein said third side is substantially parallel to said fourth side; and

wherein said first side is substantially perpendicular to said third side.

3. (original) A data cartridge library, as claimed in claim 2, wherein:

said conductor is located so that said first flat external face is substantially parallel to one of said first side and third side.

4. (original) A data cartridge library, as claimed in claim 2, wherein:

said conductor is located so that said first flat external face is substantially perpendicular to said first side.

5. (currently amended) A data cartridge library, as claimed in claim 1, wherein:

said drive means comprises a drive housing with a substantially flat outer surface; and
said conductor is located so that said first flat external face of said conductor is substantially parallel to said substantially flat outer surface of said drive housing.

6. (currently amended) A data cartridge library, as claimed in claim 5, wherein:

said substantially flat outer surface of said drive housing is a horizontally extending surface.

7. (currently amended) A data cartridge library, as claimed in claim 5, wherein:

said substantially flat outer surface of said drive housing is a vertically extending surface.

8. (original) A data cartridge library, as claimed in claim 1, wherein:

said magazine transport device comprises a portion that, during operation, rotates about an axis.

9. (original) A data cartridge library, as claimed in claim 8, wherein:

said conductor is located so that said first flat external face lies in a radial plane that includes said axis.

10. (original) A data cartridge library, as claimed in claim 8, wherein:

said conductor is located so that said first flat external face lies in a plane that is substantially parallel to a radial plane that includes said axis.

11. (original) A data cartridge library, as claimed in claim 8, wherein:
said conductor is located so that said first flat external face lies in a plane that is substantially perpendicular to a tangent of a circular arc having said axis as a center.
12. (original) A data cartridge library, as claimed in claim 1, wherein:
said magazine transport device comprises a portion that, during operation, moves in two orthogonal and rectilinear directions that define a plane.
13. (original) A data cartridge library, as claimed in claim 12, wherein:
said conductor is located so that said first flat external face is substantially parallel to said plane.
14. (original) A data cartridge library, as claimed in claim 12, wherein:
said conductor is located so that said first flat external face is substantially perpendicular to said plane.
15. (original) A data cartridge library, as claimed in claim 1, wherein:
said conductor comprising a plurality of laminated electrical conductors.
16. (original) A data cartridge library, as claimed in claim 1, further comprising:
a tap that is electrically connected to said conductor and located between said conductor and said drive means.
17. (original) A data cartridge library, as claimed in claim 1, further comprising:
a plug comprising a first plug portion and a second plug portion that mates with said first plug portion;
wherein said first plug portion is electrically connected to said conductor; and
wherein said second plug portion is electrically connected to said drive means.

18. (original) A data cartridge library, as claimed in claim 1, wherein:
said drive means comprises a drive bay for housing at least two drives.

19. (original) A data cartridge library, as claimed in claim 1, wherein:
said drive means comprises a plurality of drives that are situated in a vertical column.

20. (original) A data cartridge library, as claimed in claim 1, wherein:
said power supply comprising a substantially horizontal top surface; and
wherein at least a portion of said conductor is located above said horizontal top surface
and with at least a portion of said first flat external face substantially parallel to said horizontal
top surface.